

AMENDMENT TO THE CLAIMS

Claims 1-8 (Cancelled)

- 9.(New) A compressor comprising:
- a hermetic container storing oil therein;
- an electric motor contained in said hermetic container and including a stator and a rotor;
- a compressor unit linked to be driven by said electric motor, said compressor unit including a shaft that extends in a vertical direction and is rotated by said electric motor; and
- an oil pump which is formed at a lower end of said shaft and immersed in the oil,
- wherein said oil pump includes a helical groove provided in an outer periphery of said shaft, a cup-shaped sleeve rotatably mounted on the lower end of said shaft so as to cover said helical groove with a predetermined clearance defined between said shaft and said sleeve, and a rotation-suppressing element for suppressing rotation of said sleeve.
- 10.(New) A compressor in accordance with claim 9, wherein said rotation-suppressing element comprises a bracket secured with said stator to fix said sleeve to said stator.
- 11.(New) A compressor in accordance with claim 9, wherein said rotation-suppressing element comprises a wing formed on an outer periphery of said sleeve to generate a viscous resistance with respect to the oil.

12.(New) A compressor in accordance with claim 9, wherein said rotation-suppressing element comprises a permanent magnet secured to one of said sleeve and said hermetic container, and a member secured to the other of said sleeve and said hermetic container so that a magnetic force of said permanent magnet acts on said member.

13.(New) A compressor in accordance with claim 9, wherein said compressor unit further comprises a shaft support for rotatably supporting said shaft, said shaft having a vertical hole defined therein so as to extend in a vertical direction thereof, said vertical hole communicating an upper end of said helical groove with a clearance between said shaft and said shaft support.

14.(New) A compressor in accordance with claim 9, wherein said sleeve is formed of a synthetic resin.

15.(New) A compressor in accordance with claim 9, wherein said compressor unit is supported elastically in said hermetic container.

16.(New) A compressor in accordance with claim 9, wherein said electric motor is driven at operation frequencies including a frequency lower than a power source frequency.